FOR BETTER PROTECTION

RX/N-400/410 LCD Keypad for CAPTAIN-*i* Ver.5 Alarm System

User Manual

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Please read this manual in its entirety before attempting to program or operate your system. Should you misunderstand any part of this manual, please contact the supplier or installer of this system.

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SAFETY INSTRUCTIONS

Your CAPTAIN-i alarm system has been registered in accordance with EN60950 and its rules. EN 60950 requires us to advise you the following information:

1. In this alarm system exists hazards of fire and electric shock. To reduce the risk of fire or electric shock, do not expose this alarm system to rain or moisture. Pay attention: Telephone cords could be a good conductor for lightings energy.
2. Do not open the door of the alarm system. Dangerous high voltages are present inside of the enclosure. Refer servicing to qualified personnel only.
3. This alarm system should be used with AC 230V50Hz, protected by anti electric shock breaker. To prevent electric shocks and fire hazards, do NOT use any other power source.
4. Do not spill liquid of any kind onto the unit. If liquid is accidentally spilled onto the unit, immediately consult a qualified service.
5. Install this product in a protected location where no one can trip over any line or power cord. Protect cords from damage or abrasion.
6. Disconnect all sources of power supply before proceeding with the installation. Pay attention: do not install low voltage wires near by AC power wires they should be separated.
7. Connect the AC transformer output to the terminal block on the control panel as marked.
8. Connect the AC line cord to line power terminals as marked. (GND; N; L)

INTRODUCTION

Congratulations on your purchase of the CAPTAIN-i Alarm System. Much care has been taken in developing the CAPTAIN-i alarm system, which will provide you with unprecedented peace of mind. The CAPTAIN-i user-friendly operation and advanced features will professionally protect your home or business. It is important to familiarize yourself with the CAPTAIN-i Alarm System in order to take full advantage of the complete range of the CAPTAIN-i features. To assure optimum safety and security, you should test the CAPTAIN-i Alarm System once a week.

Main Features of CAPTAIN-i

- 6 programmable zones
- Two partitions
- Dialer: Up to three preset private telephone numbers and four Monitoring Station numbers
- Various modes of arming and disarming: keypad, key, remote control, automatic
- Four types of keypads: A simple LED keypad (RXN-406), a seven segment and LED display keypad (RX-180), LCD keypads (RX/N-400 or RX/N-410) and Anti-vandal keypad RX-200
- Up to six different keypads, connected in parallel
- Two operating modes: Full or Home
- System Events is registered in memory
- Various operating codes: Master Code, up to eight User Codes, and Short Code
- User Code #8 can function as DURESS code
- Optional temporary bypass of zones
- "Chime" mode per zone: operates the keypad buzzer when a zone is opened (e.g., to monitor a back door when system is disarmed)
- Monitoring Station Communicator: built-in dialer, integrated Long-Range Radio and Cellular Transmitters

- Inhibit system from arming in case of failure (optional)
- Short-keys for DURESS and FIRE codes

Access and Operation Codes

The following codes are used to access and operate the CAPTAIN-i Alarm System:

- **Master Code:** Use this code when programming system parameters. The default factory Master Code is 5555. For security reasons, it is not recommended to use the default code to arm or disarm the system.

IMPORTANT!

For better protection, the default factory **Master Code** must be changed.

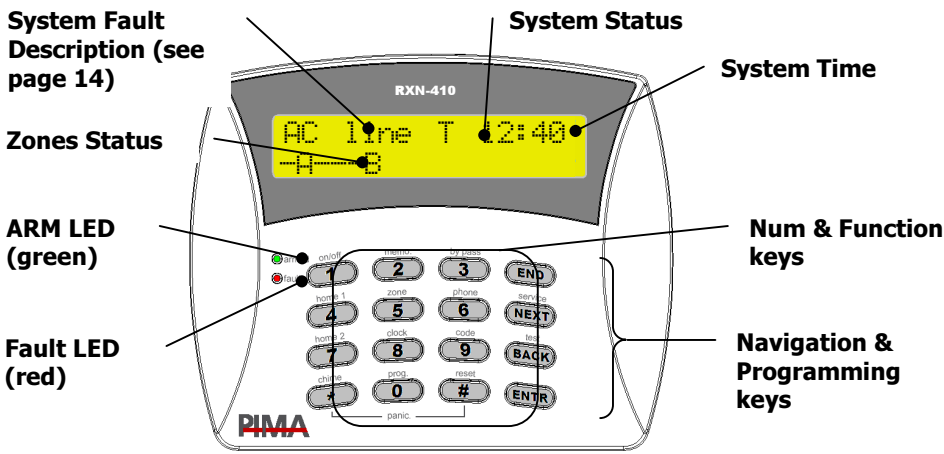
- **User Code:** 4-6 digit code. Up to eight User Codes can be programmed, User Code 1 to User Code 8.
- **Short Code:** A convenient, two-digit code used only to arm the system.
- **Duress Code:** 4-6 digit code used for disarming the system in case it is armed, and sending duress event to MS, or sends silent duress event to MS in case system is disarmed.

PIMA's LCD keypads RXN-400 and RXN-410 were especially designed for maximum simplicity, durability and decorative design. The keypad is used for arming, disarming and programming the system as well as displaying time and date, system status information, events and defaults, memory log and more. Up to six keypads can be connected to the system CAPTAIN-i. Both keypad models are identical, except for the size of the display screen:

RXN-400
Normal screen 15 x 60 mm

RXN-410
Large screen 23 x 97 mm

Keypad Description



Display Screen

- The upper line displays the System Fault, System Status and Time
  System Status:
  P System communicating or testing PSTN line
  T System reporting to Monitoring Station via radio transmitter
- The lower line displays information about the zones' status. Each of the following characters signifies a certain status. The characters appear above the zone number on the display.
  - Closed zone
  ▒ Opened zone
  B Bypassed zone
  A Alarm zone (zone triggering alarm)
  C Chime zone
  F Failed zone (disconnected or shorten); Tamper event (in a wireless detector)

SYSTEM FUNCTIONS

System Functions

IMPORTANT!

The ☞ symbol indicates information that you must enter.

- **To arm the entire alarm system:** ☞ Any *User Code* (User Code #1 to #8) that was allocated by the installer to both partitions

  OR *Master Code* ☞ [ON/OFF 1] OR *Short code.*

  To disarm the entire alarm system: ☞ Any *User Code* (User Code #1 to #8) that was allocated by the installer to both partitions

  OR *Master Code* ☞ [ON/OFF 1]

IMPORTANT!

- Entering the Master Code when one of the partitions is armed will arm the other partition as well.
- Entering the Master Code when both partitions are armed will disarm the entire system.

- **To arm the alarm system in HOME:** Press and hold [HOME 1 4] (or [7]) ☞ Any *User Code* / OR ☞ *Short code.*

  To disarm the alarm system in HOME: ☞ Any *User Code* (User Code #1 to #8) that was allocated by the installer to that partition

- **To arm/disarm Partition #1:** ☞ Any *User Code* that was allocated by the installer to partition #1 (toggle mode)

- **To arm/disarm Partition #2:** ☞ Any *User Code* that was allocated by the installer to partition #2 (toggle mode)

NOTE:

- User can arm/disarm only partitions allocated to him by the installer (partitions #1, #2, or both).
- All keypads connected to the system share the same display, even if they are allocated to different partitions.

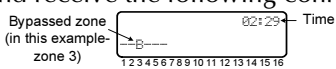
IMPORTANT!

If the installer enabled the "Failure Inhibits Arming" feature, the user will not be able to arm the system in case of failure (i.e. AC, Battery, etc.) For further information on this feature turn to *CAPTAIN-I Ver.5 Installation Manual.*

➢ **To bypass/reactivate alarm zone:** ☞ *Master Code* ☞ BY PASS 3 ☞ *zone number* ☞ END.

OR

☞Hold and press BY PASS 3 until you receive the following screen: Enter Code _____ ☞Enter *User Code* and receive the following screen Zone: ☞ Enter zone number to be bypassed and receive the following conformation screen (example):



- Repeat process in order to bypass different zone(s).
- To cancel the bypass and reactivate the zone: repeat the bypass activation process with this zone's number (toggle operation).

IMPORTANT!

Every bypassed zone is logged in the system's memory, including the time and date.

NOTE:

When Bypass mode is executed, it is effective until you disarm the system.

- **To reset the smoke or fire detector:** Press and hold RESET #.
- **To identify the zone that is the cause of the alarm:** The letter A is displayed above any Alarm Zone that was triggered while the system was last armed.
- **To enable the Chime mode:** Press and hold CHIME *. The message CHIME ON is displayed for about 3 sec on the LCD display.

NOTES:

- This mode activates a buzzer in the keypad when a Chime Zone is triggered. This feature can be used to monitor unauthorized entry or exit in the defined zone when the system is not armed.
- To learn how to program a Chime Zone see "To program/cancel a Chime Zone" on page 15.

- **To disable the Chime mode:** Press and hold CHIME *. The message CHIME OFF is displayed for about 3 sec on the LCD display.
- **To view system events in memory:** ☞ *Master Code* ☞ MEMORY 2, and then scroll using the BACK or SERVICE NEXT keys ☞ END END to exit.

  OR, to view events scrolled automatically: ☞ Press and hold MEMORY 2
- **To temporarily cancel the Entry Delay Time:** Press and hold PROGRAM 0 and receive the following message: "DELAY ON". Press and hold again: "DELAY OFF".

NOTE:

When this feature is enabled, it is effective only until the system is disarmed.

➢ **Reporting PANIC Event to CMS/Private Dialer:** Press and hold CHIME * and RESET # simultaneously for two seconds.

NOTE:

You can customize your system's response to a panic event, for example, calling the Monitoring Station or your private telephone number. Consult your installer about programming a Panic Response.

In addition, if the installer programmed User Code 8 as "Panic Code", entering user code 8 will:

- Report a panic event to CMS (logged in memory as "Panic" with time and date)
- Disarm the panel or a single partition, or both partitions

➢ **Reporting DURESS Event to CMS/Private Dialer:** Press and hold HOME 1 4 and PHONE 6 simultaneously until a conformation beep from keypad.

NOTE:

The event is logged in memory as "Duress" and includes time and date.

➢ **Reporting FIRE Event to CMS:** Press and hold 7 and CODE 9 simultaneously until a conformation beep from keypad.

NOTE:

The event is logged in memory as "Fire" and includes time and date.

➢ **To disable a keypad's audible tones:** Press and hold END and ENTR simultaneously.

NOTE:

When the keypad's Audible Tone feature is disabled, **all** audible tones and indications, with that keypad, are silenced.

➢ **To enable a keypad's audible tones:** Press and hold END and ENTR simultaneously until you hear a beep.

Green LED and System Status

The **Green-ARMED LED** will indicate the **system status**, as follows:

- **Blinking:** The system is in Entry (before disarming) or Exit (after arming) Delay Time mode.
- **Steady Light:** The system is armed.
- **In case of partitions**, see the table below:

Armed Partition/s	LCD Screen Display	Green LED
Partition #1 armed	Part1 ON	1 blink every 4 seconds
Partition #2 armed	Part2 ON	2 blinks every 4 seconds
Both partitions armed (entire system)	**** ON ****	Stays lit constantly

Programming Functions

IMPORTANT!

Before beginning to program the CAPTAIN-i Alarm System, you must first enter the Master Code (the default factory code is 5555). When Select. appears on the LCD display, you may proceed with programming your system.

➢ **To cancel a command:** ☞ END X3 ☞ Start the programming procedure from the beginning.

- To program a Master Code: ☞ Initial Master Code ☞ CODE 9 ☞ ENTR ☞ new Master Code (4-6 digits) ☞ ENTR ☞ END ☞ END.

- To program User Code #1: ☞ New Master Code ☞ CODE 9 ☞ SERVICE NEXT ☞ ENTR ☞ new User Code (4-6 digits) ☞ ENTR ☞ END ☞ END.

- To delete User Code #1: ☞ Master Code ☞ CODE 9 ☞ SERVICE NEXT ☞ ENTR ☞ RESET # ☞ END ☞ END.

- To program User Codes #2 to #8: ☞ Master Code ☞ CODE 9 ☞ SERVICE NEXT ☞ (as many times as the User Code number) ☞ ENTR ☞ new User Code (4-6 digits) ☞ ENTR ☞ END ☞ END.

- To delete User Code #2 to #8: ☞ Master Code ☞ CODE 9 ☞ SERVICE NEXT ☞ (as many as the User Code number) ☞ ENTR ☞ RESET # ☞ END ☞ END.

Example:

When programming or deleting User Code #6, enter the Master Code, press the CODE 9 key, followed by pressing the SERVICE NEXT key six times.

- **To program a Short Code:** ☞ Master Code ☞ CODE 9 ☞ BACK ☞ ENTR ☞ new Short Code (2 digits) ☞ ENTR ☞ END ☞ END.

- **To delete a Short Code:** ☞ Master Code ☞ CODE 9 ☞ BACK ☞ ENTR ☞ RESET # ☞ END ☞ END.

- **To program Automatic Arming:** Master Code ☞ PROGRAM 0 (HH:MM 24 hours format) ENTR ☞ END.

- **To program telephone number(s):** ☞ Master Code ☞ PHONE 6 ☞ Enter the first telephone number including area code ☞ ENTR ☞ Enter the second telephone number including area code ☞ ENTR ☞ Enter the third telephone number including area code ☞ ENTR ☞ END.

NOTES:

- You can program up to three telephone numbers into the system memory, which will be called in an emergency or when in Alarm Event.
- To skip a number (i.e., leave the programmed number or leave it empty), simply press ENTR. Press END to exit the mode.
- If the CAPTAIN Alarm System is connected behind a PBX, you must enter the outside line prefix digit and an asterisk before the telephone number. For example: 9*555-5555.
- When the CAPTAIN Alarm System calls to one of the programmed telephone numbers, a siren tone is heard on the subscriber telephone.
- For playing a pre-recorded message, a VU-20 unit (optional) is required. Consult your installer for this option.
- It is also possible to connect the microphone unit MIC-200

➢ **To delete telephone number(s):** ☞ Master Code ☞ PHONE 6. With the telephone number(s) to keep ☞ ENTR and with the one(s) to delete ☞ RESET # ☞ END to exit.

NOTE:

To delete all the telephone numbers, ☞ *Master Code* ☞ PHONE 6 ☞ RESET # **x3** ☞ END.

➢ **To set the time and date for the system:** ☞ Master Code ☞ CLOCK 8 ☞ current time (HH:MM 24 hours format) ☞ ENTR ☞ current date (YY MM DD format) ☞ ENTR ☞ END.

NOTES:

- It is important to set the correct time and date to ensure proper functioning of your CAPTAIN Alarm System.
- **If NO time is entered, the red Fault LED will blink.**

➢ **To program/cancel a Chime Zone:** ☞ Master Code ☞

CHIME
[*] ☞ zone number ☞ [END].

NOTE:

This mode activates a buzzer in the keypad when a Chime Zone is triggered. Chime Zones are indicated by the letter C in the display above the programmed zone number.

FAULTS INDICATIONS

LCD Keypad Display	Description
Battery	Low battery power [1]
Phone	No dial tone detected [1,2]
AC line	AC power failure [1]
Clock	Appears after initial power input or after total power reset (AC and battery) [3]
Low DC	Very low DC supply to the alarm card (PCB) [1]
Trouble	Detector was shorten or cutoff [1]
ROM	A problem with the system software [1]
DC FUSE	Detectors power line (+/-) was shorten [1]
Communic	Failure to communicate with Central Monitoring Station (CMS) [1,4]
GSM Unit	GSM unit is not identified by system [1,4]
GSM Sgnl	Low GSM signal [1,5]
GSM SIM	SIM card failure [1]
GSM Com.	GSM communication to CMS failure [1,4]
KEYBOARD NOT CONNECTED	A problem with keypad connection to the panel [1]

[1] Contact the installer.
[2] Check the phone line at the premises.
[3] Set the system time and date.
[4] Contact the Central Monitoring Station.
[5] Check with cellular carrier.